

Voluntary Industry Reporting Form for 6(a)(2) Adverse Effects Incident Information

Provide all known, required information. If required data field information is unknown, designate as such in appropriate area.

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|---|---|---|---|--|
| Row 1 Administrative Data | Reporter Name Jennifer Greminger | Submission date. October 31, 2018 | Contact person (if different than reporter) Joy Thompson | Internal ID 32495844 |
| | Address Monsanto Company Mail Stop C3NA 800 N Lindbergh Blvd. St. Louis, MO 63167 | | Address Missouri Regional Poison Center (MRPC) 7980 Clayton Road, Suite 200 St. Louis, MO 63117 | |
| | Phone # (314) 694-1538 | | Phone # (314) 772-8300 | |
| | Incident Status: New <input checked="" type="checkbox"/> Update <input type="checkbox"/> If update, include date of original submission. | Location and date of incident. (City, County, State) State: Missouri Date: 9/10/2018 | Date registrant became aware of incident. 10/17/2018 | Was incident part of larger study? Y <input type="checkbox"/> N <input type="checkbox"/> U <input type="checkbox"/> |
| Row 2 <u>Pesticide(s) Involved</u> | <u>EPA Registration # (Product 1)</u> 524-445 | <u>EPA Registration # (Product 2)</u> | <u>EPA Registration # (Product 3 & 4)</u> | |
| | A.I. (s) Glyphosate 41% | A.I. (s) | A.I. (s) | |
| | Product 1 Name Roundup Herbicide | Product 2 Name | Product 3&4 Name | |
| | Exposed to concentrate prior to dilution? Y <input type="checkbox"/> N <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> | Exposed to concentrate prior to dilution? Y <input type="checkbox"/> N <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> | Exposed to concentrate prior to dilution? Y <input type="checkbox"/> N <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> | |
| | Formulation | Formulation | Formulation | |
| Row 3 Incident Circumstances | Evidence label directions were not followed? Yes <input type="checkbox"/> No <input type="checkbox"/> U <input checked="" type="checkbox"/> Intentional misuse <input type="checkbox"/> Applicator certified PCO? Yes <input type="checkbox"/> No <input type="checkbox"/> U <input checked="" type="checkbox"/> | Incident site: (examples include home, yard, school, industrial, nursery/greenhouse, surface water, commercial turf, building/office, forest/ woods, agricultural (specify crop) right-of-way (rail, utility, highway). | Situation (act of using product): (examples include mixing/loading, reentry, application, transportation, repair/ maintenance of application equipment, manufacturing/ formulating). See MRPC incident report (next page) | |
| | How exposed: (examples include direct contact with treated surface, ingestion, spill, drift, runoff) See MRPC incident report (next page) | Brief description of incident circumstances. See MRPC incident report (next page) Monsanto asserts that the alleged symptoms are not known effects of this product. | | |

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**Human Exposure / Adverse Effect Incidents
Involving Monsanto Agricultural Products**

Reporting Categories: H-A, H-B, H-C

Reporting Period: September 1, 2018 – September 30, 2018

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|----------------------------|---|
| Substance: | Roundup Herbicide |
| Serial Number: | 32495844 |
| Date: | 9/10/2018 |
| Medical Outcome: | Moderate Effect H-C |
| EPA Reg. No. | 524-445 |
| Active Ingredients: | Glyphosate 41% |
| State: | Missouri |
| History and Notes: | Dr. Shepard seeing a man in his Neosho office who has had several months history of heart burn, and reflux. The last 2 days he has had blood in his stool, and has vomited blood, in addition to his abdominal pain. Incidentally, the man drank out of a garden hose that had residue of Roundup/glyphosate on it 4 days ago. MRPC discussed the product toxicity. The symptoms do not correlate with the expected response to the product. Advised MD to continue with GI workup. |